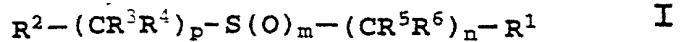


What is claimed is:

1. A method of treating a viral infection in a subject, said method comprising
5 treating the subject with a therapeutically effective amount of a sulfur-containing (H⁺/K⁺)ATPase inhibitor.
2. The method of Claim 1 wherein the
10 compound contains a sulfoxide.
3. The method of Claim 1 wherein the subject is infected with a DNA virus.
- 15 4. The method of Claim 3 wherein the subject is infected with a herpesvirus.
- 20 5. A method of treating viral infection in a subject, said method comprising treating the subject with an effective amount of a compound which inhibits an (H⁺/K⁺)ATPase and a viral protease.

6. A method of treating viral infection in a subject, said method comprising treating said subject with an effective amount of a compound of Formula I

5



wherein R^1 is selected from alkoxy, alkoxycarbonyl, dialkylamino, aryl and heteroaryl, 10 wherein R^1 is optionally substituted at a substitutable position with one or more radicals selected from alkoxy, aminoalkoxy optionally substituted on the nitrogen atom with alkyl, cycloalkyl, and aralkyl, hydroxyl, cyano, nitro, 15 alkyl, halo, haloalkyl, haloalkoxy, alkanoyl, cycloalkylalkoxy, carboxyl, acyl, amide, alkylamide, aralkoxy, alkenyloxy, alkynyloxy, sulfonamidyl, dialkylsulfonamidyl, heterocyclic, aralkyl, heteroaralkyl, alkoxy carbonyl, heteroaryl, 20 alkylthio, alkylsulfinyl, alkylsulfonyl, alkenylthio, arylthio, aralkylthio, cycloalkylthio, alkylimino and amino optionally substituted with a radical selected from alkyl, aralkyl, aryl, alkenyl, alkynyl, cycloalkyl, acyl, cycloalkenyl, 25 hydroxyalkyl, alkoxy carbonyl and alkoxyalkyl;

wherein R^2 is heteroaryl, wherein R^2 is optionally substituted at a substitutable position with one or more radicals selected from alkoxy, amino, cyano, nitro, hydroxyl, alkyl, cycloalkyl, 30 halo, haloalkyl, haloalkoxy, carboxyl, alkanoyl, acyl, alkylamino, arylamino, alkylarylamino, alkanoylamino, alkylaminoalkyl, amide, alkylamide, alkoxy carbonyl, aryloxycarbonyl, aralkoxycarbonyl, alkyl carbonyl, cycloalkyl carbonyl, 35 alkyl carbonylalkyl, alkoxy carbonylalkyl, dialkyl carbamoyl, carbamoyloxy, aryloxy, aralkoxy, alkenyloxy, alkynyloxy, acyloxy, cycloalkylalkoxy,

aralkyl, aryl, aroyl, alkoxyalkyl, hydroxyalkyl, heterocyclic, heteroaralkyl, alkylthio, alkylsulfinyl, alkylsulfonyl, arylthio, arylsulfinyl, alkylsulfonyl, sulfonamidyl and 5 alkylsulfonamidyl;

wherein each of R³, R⁴, R⁵ and R⁶ is independently selected from hydrido, alkyl, aryl and aralkyl; and

wherein each of m, n and p is a number 10 independently selected from 0, 1 and 2;

provided that when R¹ is phenyl, R² is not pyridyl or 1-(β -D-ribofuranosyl)benzimidazole when m is 0 or 2;

or a pharmaceutically acceptable salt or 15 prodrug thereof.

7. Method of Claim 6 wherein R¹ is selected from lower alkoxy, lower alkoxy carbonyl, lower dialkylamino, phenyl, naphthyl, thiazolyl, 20 thiazolinyl, thiadiazolyl, oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, imidazolinyl, pyridyl, quinolyl, dihydroquinolyl, tetrahydroquinolyl, isoquinolyl, azaquinolyl, azaisoquinolyl, tetrahydroisoquinolyl, thiatetrahydroisoquinolyl, 25 imidazopyridyl, azachromanyl, cycloheptenopyridine, benzimidazolyl, benzothiazolyl, benzoxazinyl, pyridazinyl, purinyl, thienyl, furyl, azaimidazopyridyl, piperidinyl, thienopyridinyl, dihydrothienopyridinyl, carbostyryl, pyrimidyl and 30 pyrazinyl, wherein R¹ is optionally substituted at a substitutable position with one or more radicals selected from lower alkoxy, lower aminoalkoxy optionally substituted on the nitrogen atom with lower alkyl, lower cycloalkyl and lower aralkyl, 35 cyano, nitro, hydroxyl, lower alkyl, halo, lower haloalkyl, lower haloalkoxy, lower cycloalkylalkoxy, carboxyl, acyl, lower alkanoyl,

amide, lower alkylamide, lower aralkoxy, lower
alkenyloxy, lower alkynyloxy, sulfonamidyl, lower
dialkylsulfonamidyl, 5 to 20 membered heterocyclic,
lower aralkyl, lower heteroaralkyl, lower
5 alkoxycarbonyl, 5 to 8 membered heteroaryl, lower
alkylthio, lower alkylsulfinyl, lower
alkylsulfonyl, lower alkenylthio, lower arylthio,
lower aralkylthio, lower cycloalkylthio, lower
alkylimino and amino optionally substituted with a
10 radical selected from lower alkyl, lower aralkyl,
phenyl, lower alkenyl, lower alkynyl, lower
cycloalkyl, acyl, lower cycloalkenyl, lower
hydroxyalkyl, lower alkoxycarbonyl and lower
alkoxyalkyl; wherein R^2 is selected from nitrogen-
15 containing heteroaryl, wherein R^2 is optionally
substituted at a substitutable position with one or
more radicals selected from lower alkoxy, amino,
cyano, nitro, hydroxyl, lower alkyl, lower
cycloalkyl, halo, lower haloalkyl, lower
20 haloalkoxy, carboxyl, lower alkanoyl, acyl, lower
alkylamino, lower arylamino, lower alkylarylamino,
lower alkanoylamino, lower alkylaminoalkyl, amide,
lower alkylamide, lower alkoxycarbonyl, lower
aryloxycarbonyl, lower aralkoxycarbonyl, lower
25 alkylcarbonyl, lower cycloalkylcarbonyl, lower
alkylcarbonylalkyl, lower alkoxycarbonylalkyl,
lower dialkylcarbamoyl, carbamoyloxy, lower
aryloxy, lower aralkoxy, lower alkenyloxy, lower
alkynyloxy, acyloxy, lower cycloalkylalkoxy, lower
30 aralkyl, optionally substituted lower aryl, lower
aroyl, lower alkoxyalkyl, lower hydroxyalkyl, 5 to
20 membered heterocyclic, lower heteroaralkyl,
lower alkylthio, lower alkylsulfinyl, lower
alkylsulfonyl, lower arylthio, lower arylsulfinyl,
35 lower arylsulfonyl, sulfonamidyl and lower
alkylsulfonamidyl; and wherein each of R^3 , R^4 , R^5
and R^6 is independently selected from hydrido,

lower alkyl, phenyl, naphthyl and lower aralkyl; or a pharmaceutically acceptable salt thereof.

8. Method of Claim 7 wherein R¹ is

5 selected from phenyl, naphthyl, thiazolyl, thiazolinyl, thiadiazolyl, oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, imidazolinyl, pyridyl, quinolyl, dihydroquinolyl, tetrahydroquinolyl, isoquinolyl, azaquinolyl, azaisoquinolyl,

10 tetrahydroisoquinolyl, thiatetrahydroisoquinolyl, imidazopyridyl, azachromanyl, cycloheptenopyridine, benzimidazolyl, benzothiazolyl, benzoxazinyl, pyridazinyl, purinyl, thienyl, furyl, azaimidazopyridyl, piperidinyl, thienopyridinyl,

15 dihydrothienopyridinyl, carbostyryl, pyrimidyl and pyrazinyl, wherein R¹ is optionally substituted at a substitutable position with one or more radicals selected from methoxy, ethoxy, propoxy, butoxy, isopropoxy, tert-butoxy, aminomethoxy optionally

20 substituted on the nitrogen atom with methyl, ethyl, propyl, butyl, pentyl, isopropyl, isobutyl, tert-butyl, cyclohexyl, cyclopropyl and benzyl, hydroxyl, amino optionally substituted with a radical selected from methyl, ethyl, propyl, butyl,

25 pentyl, isopropyl, isobutyl, tert-butyl, benzyl, phenethyl, phenyl, butene, pentene, isopropylene, isobutylene, propargyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, formyl, acetyl, cyclobutenyl, cyclopentenyl, cyclohexenyl,

30 hydroxymethyl, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxy carbonyl, and methoxymethyl, cyano, nitro, methyl, ethyl, propyl,

35 butyl, pentyl, isopropyl, isobutyl, tert-butyl, fluoro, chloro, bromo, iodo, fluoromethyl, difluoromethyl, trifluoromethyl, dichloromethyl,

trichloromethyl, pentafluoroethyl,
heptafluoropropyl, difluorochloromethyl,
dichlorofluoromethyl, difluoroethyl,
difluoropropyl, dichloroethyl, dichloropropyl,
5 trifluoromethoxy, cyclohexylmethoxy, carboxyl,
formyl, acetyl, propionyl, amide, methylamide,
dimethylamide, benzyloxy, sulfonamidyl,
dimethylsulfonamidyl, morpholinyl, pyrrolidinyl,
piperazinyl, piperidyl, benzyl, methoxycarbonyl,
10 ethoxycarbonyl, pyridyl, methylthio,
methylsulfinyl, methylsulfonyl, phenylthio,
benzylthio, cyclohexylthio and methylimino; wherein
R² is selected from pyridyl, indolyl, imidazolyl,
benzimidazolyl, napthoimidazolyl, 1,3-
15 dioxolobenximidazolyl, imidazopyridyl,
imidazoquinolinyl, dihydroimidazoquinolinyl,
cycloheptoimidazolyl,
cyclooxaundecanobenzimidazolyl, benzoxazolyl,
benzothiazolyl, indolyl, thienoimidazolyl,
20 pyridopyrazinyl, quinolinyl, quinoxalinyl,
quinazolinyl, quinazolinonyl, triazolyl,
tetrazolyl, oxazolyl, purinyl, indenoimidazolyl,
thiadiazolyl, thiazolylpyridyl, pyridyl,
pyrimidinyl, pyranobenzimidazolyl,
25 thiopyranbenzimidazolyl, indolbenzimidazole,
tetrahydroimidazoquinolinyl, wherein R² is
optionally substituted at a substitutable position
with one or more radicals selected from methoxy,
ethoxy, propoxy, butoxy, isopropoxy, tert-butoxy,
30 amino, cyano, nitro, hydroxyl, methyl, ethyl,
propyl, butyl, pentyl, isopropyl, isobutyl, tert-
butyl, cyclohexyl, cyclopropyl, cyclobutyl, fluoro,
chloro, bromo, iodo, fluoromethyl, difluoromethyl,
trifluoromethyl, dichloromethyl, trichloromethyl,
35 pentafluoroethyl, heptafluoropropyl,
difluorochloromethyl, dichlorofluoromethyl,
difluoroethyl, difluoropropyl, dichloroethyl,

dichloropropyl, trifluoromethoxy, trifluoroethoxy, carboxyl, formyl, acetyl, propionyl, butyryl, N-methylamino, N-ethylamino, N-propylamino, N-butylamino, N-tert-butylamino, N-pentylamino, N-hexylamino, N,N-dimethylamino, phenylamino, N-methyl-N-phenylamino, methylaminomethyl, amide, N-methylamide, N,N-dimethylamide, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxy carbonyl, phenoxy carbonyl, benzyloxycarbonyl, methylcarbonyl, cyclohexylcarbonyl, methylcarbonylmethyl, methoxycarbonylmethyl, N,N-dimethylcarbamoyl, carbamoyloxy, phenoxy, benzoxy, benzyl, phenethyl, phenyl, benzoyl, methoxymethyl, hydroxymethyl, morpholinyl, pyrrolidinyl, piperazinyl, piperidyl, methylthio, ethylthio, methylsulfinyl, ethylsulfinyl, methylsulfonyl, phenylthio, phenylsulfinyl, phenylsulfonyl, sulfonamidyl, methylsulfonamidyl and N,N-dimethylsulfonamidyl; and wherein each of R^3 , R^4 , R^5 and R^6 is independently selected from hydrido, methyl, ethyl, propyl, butyl, pentyl, isopropyl, isobutyl, tert-butyl, phenyl and benzyl; or a pharmaceutically acceptable salt thereof.

9. Method of Claim 8 selected from compounds, and their pharmaceutically acceptable salts, of the group selected from:

30 [2-[(2-N-isobutyl-N-methylamino)-benzyl]sulfinyl]-1H-benzimidazole;
2-[[3-methylpyridin-2-ylmethyl]sulfinyl]-1H-benzimidazole;
35 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-1H-benzimidazole;

2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-1H-
benzimidazole;
2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-
methyl-1H-benzimidazole;
5 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-
methoxy-1H-benzimidazole;
5-chloro-2-[(imidazo[1,2-a]pyridin-3-ylmethyl)
sulfinyl]-1H-benzimidazole;
2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-
10 trifluoromethyl-1H-benzimidazole;
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-
benzimidazole;
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-
benzimidazole;
15 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-
methoxy-1H-benzimidazole;
5-ethoxy-2-[(imidazo[1,2-a]pyridin-8-ylmethyl)
sulfinyl]-1H-benzimidazole;
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-4-
20 methyl-1H-benzimidazole;
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-
methyl-1H-benzimidazole;
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5,6-
dimethyl-1H-benzimidazole;
25 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5,6-
dimethoxy-1H-benzimidazole;
5-chloro-2-[(imidazo[1,2-a]pyridin-8-
ylmethyl)sulfinyl]-1H-benzimidazole;
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-
30 trifluoromethyl-1H-benzimidazole;
2-[(2,3-dimethylimidazo[1,2-a]pyridin-8-yl)methyl]
sulfinyl]-1H-benzimidazole;
2-[(3-methylimidazo[1,2-a]pyridin-8-yl)methyl]
sulfinyl]-1H-benzimidazole;
35 2-[(2-phenylimidazo[1,2-a]pyridin-8-yl)methyl]
sulfinyl]-1H-benzimidazole;

2-[[[(3-phenylimidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;

2-[[[(3-(4-nitrophenyl)imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;

5 2-[[[(3-[3-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;

10 5-methyl-2-[[[(3-[3-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;

5-chloro-2-[[[(3-[3-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;

15 2-[[[(3-[4-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;

5-chloro-2-[[[(3-[4-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;

20 4-[8-[(1H-benzimidazol-2-ylsulfinyl)methyl]imidazo[1,2-a]pyridin-3-yl]benzoate;

2-[[[(3-(4-chlorophenyl)imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;

2-[[[(3-(4-methylphenyl)imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;

25 2-[(imidazo[1,2-a]pyridin-5-ylmethyl]sulfinyl]-1H-benzimidazole;

2-((n-butoxycarbonylmethyl)sulfinyl)thiazolo(5,4-b)pyridine;

30 5-chloro-2-((2-ethoxyethyl)sulfinyl)benzothiazole;

4,6-dimethyl-2-(((imidazo[1,2-a]pyridin-2-yl)methyl)thio)-1H-benzimidazole;

2-[3-methyl-4-(2-(N-benzyl-N-cyclohexylamino)-ethoxy)pyridyl]methylthio-1H-benzimidazole;

35 ethyl 2-[(1H-benzimidazol-2-yl)thiomethyl]-4-methyl-amino-5-pyrimidine carboxylate;

9-(benzimidazol-2-yl)sulfinyl-4-methoxy-2,3-

cycloheptenopyridine;
 2-(5-fluoro-2-(4-methoxy-2-pyridyl)-
 phenylsulfinyl)-1H-benzimidazole;
 5-difluoromethoxy-2-(((3,4-dimethoxy-2-pyridinyl)
 5 methyl)sulfinyl)-1H-benzimidazole;
 2-(((4-difluoromethoxy-3-methyl-2-pyridyl)
 methylsulfinyl)benzimidazole;
 2-[4(3-methoxypropoxy)-3-methylpyridine-2-yl]
 methylsulfinyl-1H-imidazole;
 10 2-((6-azachroman-5-ylmethyl)sulfinyl)-
 benzimidazole;
 5-carbomethoxy-6-methyl-2-(((3,4-dimethoxy-2-
 pyridinyl)methyl)sulfinyl-1H-benzimidazole;
 5-carbomethoxy-6-methyl-2-(((3,4-dimethoxy-2-
 15 pyridinyl)methyl)sulfinyl)-1H-benzimidazol-1-
 yl-methyl ethyl carbonate;
 2-((3-methyl-4-(2,2,2-trifluoroethoxy)-2-pyridyl)
 methylsulfinyl)benzimidazole;
 4-fluoro-2-(((4-methoxy-2-pyridinyl)methyl)
 20 sulfinyl-1H-benzimidazol-1-yl-methyl-
 ethylcarbonate;
 2-[3-methyl-4-(1-benzyl-4-piperidyl)oxy-2-pyridyl]
 methylthio-1H-benzimidazole;
 2-(3-methyl-4-(2-(N-methyl-N-(4-methyl-benzyl)
 25 amino)ethoxy)-2-pyridyl)methylsulfonyl-1H-
 benzimidazole;
 2-(4-methoxy-6-methyl-2-pyrimidinyl)methylthio-1H-
 benzimidazole;
 2-[2-[N-4-(3-fluorophenyl)-butyl-N-methyl]
 30 aminoethyl]thio-(1H)-benzimidazole;
 5-chloro-2-(3,4-dimethoxy-2-pyridylmethylsulfinyl)-
 1H-benzimidazole;
 5-fluoro-2-(4-cyclopropylmethoxy-2-pyridylmethyl-
 sulfinyl)-1H-benzimidazole;
 35 4-fluoro-2-(4-methoxy-2-pyridylmethylsulfinyl)-
 1H-benzimidazole;
 2-((4-methoxy-3,5-dimethyl-2-pyridinyl)-methyl)-

sulfinyl)-5-methoxy-1H-benzimidazole;
 5-hydroxymethyl-2-((3,5-dimethyl-4-methoxy-2-
 pyridyl)methylthio-1H-benzimidazole;
 2-(4-ethylthio-3-methylpyridin-2-yl-
 5 methyl)sulfinyl-benzimidazole;
 2-(((4-(2-benzyloxyethoxy)-3-methyl-2-pyridyl)
 methylthio)benzimidazole;
 2-[[2-[N-(2-hydroxyethyl)-N-methylamino]-5-methoxy]
 benzylsulfinyl]benzimidazole;
 10 2-[2-(3,5-dimethyl-4-ethoxy)pyridylmethylsulfinyl]-
 5-methoxy-imidazo(4,5-b)pyridine;
 2-(5-benzyl-4-chloro-6-methyl-2-pyrimidinyl)
 methylthio-1H-benzimidazole;
 2,2-difluoro-6-((5-benzyloxy-4-methoxy-2-pyridyl)
 15 methylthio)-5H-(1,3)-dioxolo(4,5-
 f)benzimidazole;
 5-carboethoxy-6-methyl-2-((3-methyl-2-
 pyridyl)methylsulfinyl)-1H-benzimidazole;
 5-(2-benzimidazolylsulfinylmethyl)-3,4-dihydro-
 20 4-methyl-2H-1,4-benzoxazine;
 2-(3-methyl-4-(2-(N-benzyl-N-methylamino)ethoxy-2-
 pyridyl)methylsulfinyl-1H-benzimidazole;
 2-(3-methyl-4-(2-(1,2,3,4-tetrahydroisoquinolin-
 2-yl)-ethoxy)-2-pyridyl)methylsulfinyl-1H-
 25 benzimidazole;
 2-[1-(3,5-dimethylpyrazolyl)]
 methylthiobenzimidazole;
 2-(3-chloro-4-methoxy-2-picolythio)-5-methoxy-1H-
 benzimidazole;
 30 2-(4-(2-ethoxyethoxy)-3-methyl-2-pyridyl)
 methylsulfinyl-1H-benzimidazole;
 2-(3-methylthieno(2,3-c)pyridin-7-
 yl)methylsulfinyl)-benzimidazole;
 2-(2-dimethylamino-5-methoxybenzylsulfinyl)-5-
 35 methoxy-benzimidazole;
 2-(2-dimethylamino-5-methylbenzylsulfinyl)-5-
 methoxybenzimidazole;

2-[4-(2,3,5-trimethyl)pyridylthio]-5-methoxybenzimidazole;

2-[(2-(4-chlorophenyl)-5-methylimidazol-4-yl)methylthio]benzimidazole;

5 2-(5-hydroxy-1H-benzimidazol-2-ylsulfinylmethyl)-N,N-dimethylbenzenamine;

2-((6-methoxyisoquinolin-1-yl)methylsulfinyl)benzimidazole;

10 3-(5-methoxy-1H-benzimidazol-2-yl)thiomethylcarbostyril;

5-methoxy-2-(4-dimethylamino-5-fluoro-2-pyridylmethylsulfinyl)-1H-benzimidazole;

2-(2-dimethylaminobenzyl-sulfinyl)-5-cyclopropylmethoxybenzimidazole;

15 2-(3,5-dimethyl-2-pyridylmethylsulfinyl)-5-cyclopropylmethoxy-benzimidazole;

2-[2-(N-cyclohexyl-N-methylamino)benzylsulfonyl]benzimidazole;

20 8-(5-fluoro-6-methoxy-2-benzimidazolyl)sulfinylmethyl-1-ethyl-4-(N-methyl-N-allyl)amino-1,2,3,4-tetrahydroquinoline;

2-(2-benzyloxycarbonylaminobenzylthio)benzimidazole;

2-(2-benzimidazolylmethylthio)pyrimidine;

25 2-(2-dimethylaminobenzylsulfinyl)imidazo[4,5-b]-pyridine;

2-(2-pyridylmethylsulfinyl)quinoxaline;

2-methyl-3-(2-pyridylmethylsulfinyl)pyrido[2,3-b]pyrazine;

30 5-acetyl-2-((2-dimethylaminobenzyl)sulfinyl)benzimidazole;

2-((3,5-dimethyl-4-methoxy-2-pyridyl)methylsulfinyl)-5-fluoro-1H-benzimidazole;

2-(3-pyridylmethylthio)-5-methoxybenzimidazole;

35 2-(2-methylaminobenzylsulfinyl)benzimidazole;

5-methoxy-2-(2-dimethylaminobenzylsulfinyl)-1H-benzimidazole;

2-(3,4-dimethoxypyrid-2-ylmethylsulfinyl)-5-
trifluoromethyl-benzimidazole;
5-methoxy-2-(4-piperidino-2-
pyrimidinylmethylsulfinyl)-(1H)-benzimidazole;
5 2-[2-(4-benzyloxy)-pyridylmethylsulfinyl]
benzimidazole;
4-allyloxy-8-(2-benzimidazolyl)thio-3-methyl-
5,6,7,8-tetrahydroquinoline;
2-[2-(4-methoxy-5-n-pentyl)-pyridylmethylthio]
10 benzimidazole;
2-(5-bromo-4-piperidino-2-pyridylmethylsulfinyl)-
5-methoxy-(1H)-benzimidazole;
2-((3,5-dimethyl-4-morpholinopyrid-2-yl)
methylsulfinyl)benzimidazole;
15 2-((2-pyridinylmethyl)sulfinyl)-1H-benzimidazole-1-
methanol;
2-((3,4-dihydro-2H-thieno(3,2-c)pyridinylmethyl)
thio)-1H-benzimidazole-1-methanol;
2-(4-isopropoxy-2-pyridyl)
20 methylsulfinylbenzimidazole;
2-((4-fluorobenzyloxy-3-methyl-2-pyridyl)
methylsulfinyl)benzimidazole;
2-(2-aminobenzylsulfinyl)-benzimidazole;
N,N-dimethyl-2-(1H-benzimidazol-2-yl-
25 sulfinylmethyl)benzenamine;
2-[(4,5-dimethoxy-2-pyridyl)methylsulfinyl]-5-
trifluoromethoxy-1H-benzimidazole;
2,2-difluoro-6-[(4,5-dimethoxy-2-pyridyl)
30 methylthio]-5H-1,3-dioxolo-(4,5-
f)benzimidazole;
2-((4-morpholinyl-3-ethylpyridin-2-ylmethyl)
sulfinyl)-5-trifluoromethylbenzimidazole;
2-((4-methoxy-2-pyridyl)methylsulfinyl)-5-
trifluoromethoxy-1H-benzimidazole;
35 5-cyclopropylcarbonyl-2-((4-methoxy-2-
pyridyl)methyl-sulfinyl)-1H-benzimidazole;

2-[2-(3,5-dimethyl-4-methoxy)-pyridylmethylsulfinyl]-(5-chloro)-benzimidazole;

2-[2-(4,5-dimethyl)-pyridylmethylsulfinyl]-(5-acetyl-6-methyl)-benzimidazole;

5 1-(p-chlorobenzoyl)-2-(β -morpholinylmethylsulfinyl)benzimidazole;

2,3-dihydro-2-(2-pyridyl)thiazolo[3,2-a]benzimidazole-1-oxide;

2-[(2-pyridylmethyl)thio]-1H-naphth[2,3-d]imidazole;

10 1,5,6,7-tetrahydro-2-(5-methyl-2-pyridyl-methyl)-thio)indeno(5,6-d)imidazole;

4-methyl-2-(5-methyl-2-pyridyl-methylthio)-1H-naphtho(2,3-d)imidazole;

15 2,2-difluoro-6-(4-methoxy-2-pyridylmethylsulfinyl)-5H-1,3-dioxolo[4,5-f]benzimidazole;

2-benzylthio-(4H)-imidazo(4,5,1-ij)quinoline;

2-(2-chlorophenylmethylthio)-5,6-dihydro-(4H)-imidazo(4,5,1-ij)quinoline;

20 5,6-dihydro-2-(2-pyridylmethylthio)-4H-imidazo(4,5,1-ij)quinoline;

5,6-dihydro-2-(2-(3,5-dimethylpyridyl)methylsulfinyl)-4H-imidazo;

5,7-dihydro-2-(((4-methoxy-3-methyl-2-pyridyl)methylsulfinyl)-5,5,7,7-tetramethylindeno(5,6-d)imidazol-6(1H)-one;

25 2-(2-pyridylmethylthio)-6-isopropylcycloheptoimidazole;

2-[2-(3,5-dimethyl)pyridylmethylsulfinyl]5-fluorobenzoxazole;

30 3-[(4-dimethylamino-2-pyridyl)methylthio]indole;

5-methyl-2-(2-pyridylmethylthio)-3H-thieno(2,3-d)imidazole;

2-(2-(3,5-dimethyl-4-methoxy)pyridylmethylsulfinyl)35-7-imidazo(4,5-b)pyridine;

2-(2-pyridylmethylsulfinyl)quinoxaline;

2-[(2-pyridyl)methylsulfinyl]thieno[3,4-d]-
imidazole;

2-(((3,5-dimethyl-4-methoxy-2-pyridyl)methyl)thio)-
4,5-diphenyloxazole;

5 3,5-dimethyl-4-methoxy-6-(((5-phenyl-1,2,4-triazol-
3-yl)-thio)methyl)pyridine;

2-(((3,5-dimethyl-4-methoxy-2-pyridyl)methyl)
sulfinyl)-4,5-diphenylimidazole;

5-(((4,5-diphenyl-2-oxazolyl)sulfinyl)methyl)-2,2-
10 dimethyl-8-methyl-4H-1,3-dioxino(4,5-c)
pyridine;

5-(((3,5-dimethyl-4-methoxy-2-pyridyl)methyl)
sulfinyl)-1-methyltetrazole;

6-benzoylamino-7-chloro-2-(((3,5-dimethyl-4-
15 methoxy-2-pyridyl)-methyl)thio)benzothiazole;

2-[[((3,5-dimethyl-4-methoxy-2-pyridyl)-methyl]thio]
quinoline;

2-[2-(3,5-dimethyl)pyridylmethylsulfinyl]-5-
methoxy-imidazo[4,5-b]pyridine;

20 5-(4,5-dihydro-2-oxazolyl)-2-((3,5-dimethyl-4-
methoxy-2-pyridyl)methylthio)-1H-
benzimidazole;

2-(2-dimethylaminobenzylsulfinyl)-5-methoxyimidazo
[4,5-b]-pyridine;

25 3-phenyl-2-(2-pyridylmethylsulfinyl)-4(3H)-
quinazolinone;

4-amino-2-(2-pyridylmethylthio)quinazoline;

2-(4-morpholinyl-2-pyrimidinylmethylthio)
thieno(3,4-d)imidazole;

30 8-[2'-(N,N-dimethylanily)methylthio]purine;

2-[2'-(N,N-dimethylanily)methylthio]thieno-(3,4-d)-
imidazole;

2-(4-methoxy-2-picolinylthio)-1H-thieno[3,4-
d]imidazole;

35 2-(2-pyridylmethyl)thio-8H-indeno(1,2-d)imidazole;

2-(4-methoxy-5-chloro-2-picolythio)-1H-thieno(3,4-
d)imidazole;

2-[2-(1-pyrrolidinyl)benzylthio]
cycloheptoimidazole;
2-(2-acetylaminophenyl)methylthio
cycloheptoimidazole;

5 2-amino-5-(2-(2-pyridyl)ethylthio)-1,3,4-
thiadiazole;
2-gernaylthio-benzimidazole;
2-(2-chlorobenzylthio)-8,8-dimethyl-6-oxo-5,6,7,8-
tetrahydro-3H-imidazo[4,5-g]quinoline;

10 8-(2-pyrimidinyl-sulfinyl)quinoline;
2-((3-methyl-2-pyridyl)methylsulfinyl)pyrano(2,3-f)
benzimidazole;
2-[(2-isobutylamino)benzylsulfinyl]imidazole;
ethyl 2-((1H-benzimidazol-2-yl)-sulfinylmethyl)-4-

15 dimethylamino-5-pyrimidinecarboxylate;
2-((2-ethoxyethyl)sulfinyl)-4-(3-pyridyl)thiazole;
2-[2-(2-propynylamino)benzylsulfinyl]imidazole;
2-(2-(2-methoxyethylamino)benzylsulfinyl)imidazole;
1-(2-pyridyl)-2-(3-dimethylamino)benzylsulfinyl)

20 imidazole;
2-(2-methylaminobenzylthio)-4,5,6,7-tetrahydro-1H-
benzimidazole;
4,5-diphenyl-2-(2-pyridylmethyl)-thioimidazole;
4-phenyl-2-(2-pyridylmethyl)thioimidazole;

25 4,5-bis(4-methoxyphenyl)-2-(2-
thienylthio)imidazole;
2-(3-chloro-2-pyridinylthiomethyl)-4,5-dihydro-1H-
imidazole;
1-methyl-2-(2-pyrimidinylthiomethyl)-5-nitro-

30 imidazole;
1-methyl-2-(2-pyridylsulfonylmethyl)-5-
nitroimidazole;
1-methyl-2-(5-bromo-2-pyridylthiomethyl)-5-nitro-
imidazole;

35 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]
benzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]N,N-dimethylbenzenamine;
N-[2-[(1H-benzimidazol-2-ylsulfinyl)methyl]phenyl]acetamide;

5 2-[[(4-methyl-1H-benzimidazol-2-yl)sulfinyl]methyl]benzenamine;
2-[[(5,6-dimethyl-1H-benzimidazol-2-yl)sulfinyl]methyl]benzenamine;
2-[[(5-methoxy-1H-benzimidazol-2-yl)sulfinyl]

10 methyl]benzenamine;
methyl 2-[[(2-aminophenyl)methyl]sulfinyl]-5-methoxy-1H-benzimidazole-6-carboxylate;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chlorobenzenamine;

15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5-chlorobenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methoxybenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-

20 methoxybenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3-methylbenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methylbenzenamine;

25 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-methylbenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4,6-dimethylbenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-

30 methylbenzenamine;
2-[[(5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-4-methylbenzenamine;
2-[[(5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-6-methylbenzenamine;

35 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-ethylbenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-
ethylbenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methoxy-
3,5-dimethylbenzenamine;

5 2-[[[(5-methyl-1H-benzimidazol-2-yl)sulfinyl]-
methyl]benzenamine;

2-[[[(5-chloro-1H-benzimidazol-2-yl)sulfinyl]-
methyl]benzenamine;

10 2-[[[(5-ethoxy-1H-benzimidazol-2-yl)sulfinyl]-
methyl]benzenamine;

2-[[[(5-(trifluoromethyl)-1H-benzimidazol-2-
yl)sulfinyl)methyl]benzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-
(trifluoromethyl)benzenamine;

15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-
butylbenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5,6-
dimethylbenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3,6-
20 dimethylbenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chloro-
6-methylbenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chloro-6-
methoxy-3-methylbenzenamine;

25 2-[[[(5-ethoxy-1H-benzimidazol-2-yl)sulfinyl]-
methyl]-4-methylbenzenamine;

2-[[[(5-methyl-1H-benzimidazol-2-yl)sulfinyl]-
methyl]-5,6-dimethylbenzenamine;

2-[[[(5-(trifluoromethyl)-1H-benzimidazol-2-
30 yl)sulfinyl]-3,6-dimethylbenzenamine;

2-[[[(5-(trifluoromethyl)-1H-benzimidazol-2-
yl)sulfinyl)methyl]-6-methoxybenzenamine;

methyl 2-amino-3-[(1H-benzimidazol-2-
y1sulfinyl)methyl]benzoate;

35 ethyl 4-amino-3-[(1H-benzimidazol-2-
y1sulfinyl)methyl]benzoate;

ethyl 4-amino-3-[(5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]benzoate;

2-[[5,6-dimethoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-4-methylbenzenamine;

5 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-fluorobenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3,4,5-trimethylbenzenamine;

2-[(5-methoxy-1H-benzimidazol-2-yl)sulfinyl]

10 methyl]-4-methoxy-3,5-dimethylbenzenamine;

3-[(1H-benzimidazol-2-ylsulfinyl)methyl]benzenamine;

3-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;

15 3-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N,N-dimethyl-2-pyridinamine;

6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;

6-[(4-methyl-1H-benzimidazol-2-yl)-sulfinyl]

20 methyl]-2-pyridinamine;

6-[(5-methyl-1H-benzimidazol-2-yl)-sulfinyl]

methy1]-2-pyridinamine;

6-[(5-methoxy-1H-benzimidazol-2-yl)sulfinyl]-

25 methyl]-2-pyridinamine;

6-[(5-chloro-1H-benzimidazol-2-yl)-sulfinyl]

methyl]-2-pyridinamine;

6-[[5-(trifluoromethyl)-1H-benzimidazol-2-yl]sulfinyl]methyl]-2-pyridinamine;

6-[(5-ethoxy-1H-benzimidazol-2-yl)-sulfinyl]

30 methyl]-2-pyridinamine;

6-[(5,6-dimethoxy-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;

6-[(5,6-dimethyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;

35 6-[(4,6-dimethyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;

6-[[[5-(hydroxymethyl)-1H-benzimidazol-2-yl]sulfinyl]methyl]-2-pyridinamine;

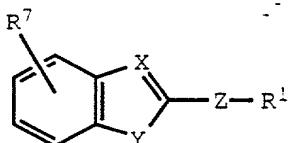
6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-(2,2-dimethylpropyl)-2-pyridinamine;

5 6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-ethyl-2-pyridinamine; and

5-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine.

10 10. A method of treating viral infection in a subject, said method comprising treating said subject with an effective amount of a compound of Formula II

15



II

20

wherein X is selected from CH or N;
 wherein Y is selected from CH_2 , NR^8 , O

and S;

25

wherein Z is selected from $-\text{S}(\text{O})_m-$,
 $-(\text{CR}^3\text{R}^4)_p\text{S}(\text{O})_m-$ and $-\text{S}(\text{O})_m(\text{CR}^5\text{R}^6)_n-$;

wherein each of m, n and p is a number independently selected from 0, 1 and 2;

30

wherein R^1 is selected from aryl and heteroaryl, wherein R^1 is optionally substituted at a substitutable position with one or more radicals selected from alkoxy, aminoalkoxy optionally substituted on the nitrogen atom with alkyl, cycloalkyl and aralkyl, cyano, nitro, hydroxyl, alkyl, halo, haloalkyl, haloalkoxy, cycloalkylalkoxy, carboxyl, acyl, alkanoyl, amide, alkylamide, aralkoxy, alkenyloxy, alkynylloxy, sulfonamido, dialkylsulfonamido, heterocyclic, aralkyl, heteroaralkyl, alkoxycarbonyl, heteroaryl, alkylthio, alkylsulfinyl, alkylsulfonyl,

35

alkenylthio, arylthio, aralkylthio, cycloalkylthio, alkylimino and amino optionally substituted with a radical selected from alkyl, aralkyl, aryl, alkenyl, alkynyl, cycloalkyl, acyl, cycloalkenyl,

5 hydroxyalkyl, alkoxycarbonyl and alkoxyalkyl; wherein each of R³, R⁴, R⁵ and R⁶ is independently selected from hydrido, alkyl, aryl and aralkyl;

wherein R⁷ is one or more radicals

10 selected from alkoxy, amino, cyano, nitro, hydroxyl, alkyl, cycloalkyl, halo, haloalkyl, haloalkoxy, carboxyl, alkanoyl, acyl, alkylamino, arylamino, alkylarylamino, alkanoylamino, alkylaminoalkyl, amide, alkylamide, alkoxycarbonyl,

15 aryloxycarbonyl, aralkoxycarbonyl, alkylcarbonyl, cycloalkylcarbonyl, alkylcarbonylalkyl, alkoxycarbonylalkyl, dialkylcarbamoyl, carbamoyloxy, aryloxy, aralkoxy, alkenyloxy, alkynyloxy, acyloxy, cycloalkylalkoxy, aralkyl,

20 aryl, aroyl, alkoxyalkyl, hydroxyalkyl, heterocyclic, heteroaralkyl, alkylthio, alkylsulfinyl, alkylsulfonyl, arylthio, arylsulfinyl, alkylsulfonyl, sulfonamido and alkylsulfonamido; or wherein R⁵ and R⁸ taken

25 together form a ring; and wherein R⁸ is selected from hydrido, alkyl, alkenyl, hydroxyalkyl, acyl, alkoxyalkyl, aryl, aryloxyalkyl, alkylthioalkyl, aralkyl, alkoxycarbonyl, amide, alkanoyl, alkylcarbamoyl and

30 alkylsulfonyl; provided that when m is 0, R⁸ is not 1-(β -D-ribofuranosyl)benzimidazole;

or a pharmaceutically acceptable salt thereof.

35 11. Method of Claim 10 wherein R¹ is selected from phenyl, naphthyl, thiazolyl, thiazolinyl, thiadiazolyl, oxazolyl, isoxazolyl,

pyrazolyl, imidazolyl, imidazolinyl, pyridyl,
quinolyl, dihydroquinolyl, tetrahydroquinolyl,
isoquinolyl, azaquinolyl, azaisoquinolyl,
tetrahydroisoquinolyl, thiatetrahydroisoquinolyl,
5 imidazopyridyl, azachromanyl, cycloheptenopyridine,
benzimidazolyl, benzothiazolyl, benzoxazinyl,
pyridazinyl, purinyl, thienyl, furyl,
azaimidazopyridyl, piperidyl, thienopyridinyl,
dihydrothienopyridinyl, carbostyryl, pyrimidyl and
10 pyrazinyl, wherein R¹ is optionally substituted at
a substitutable position with one or more radicals
selected from lower alkoxy, lower aminoalkoxy
optionally substituted on the nitrogen atom with
lower alkyl, lower cycloalkyl and lower aralkyl,
15 cyano, nitro, hydroxyl, lower alkyl, halo, lower
haloalkyl, lower haloalkoxy, lower
cycloalkylalkoxy, carboxyl, acyl, lower alkanoyl,
amide, lower alkylamide, lower aralkoxy, lower
alkenyloxy, lower alkynyloxy, sulfonamido, lower
20 dialkylsulfonamido, 5 to 20 membered heterocyclic,
lower aralkyl, lower heteroaralkyl, lower
alkoxycarbonyl, 5 to 8 membered heteroaryl, lower
alkylthio, lower alkylsulfinyl, lower
alkylsulfonyl, lower alkenylthio, lower arylthio,
25 lower aralkylthio, lower cycloalkylthio, lower
alkylimino and amino optionally substituted with a
radical selected from lower alkyl, lower aralkyl,
phenyl, lower alkenyl, lower alkynyl, lower
cycloalkyl, acyl, lower cycloalkenyl, lower
30 hydroxyalkyl, lower alkoxy carbonyl and lower
alkoxyalkyl, wherein each of R³, R⁴, R⁵ and R⁶ is
independently selected from hydrido, lower alkyl,
phenyl, naphthyl and lower aralkyl; wherein R⁷ is
one or more radicals selected from lower alkoxy,
35 amino, cyano, nitro, hydroxyl, lower alkyl, lower
cycloalkyl, halo, lower haloalkyl, lower
haloalkoxy, carboxyl, lower alkanoyl, acyl, lower

alkylamino, lower arylamino, lower alkylarylamino,
lower alkanoylamino, lower alkylaminoalkyl, amide,
lower alkylamide, lower alkoxycarbonyl, lower
aryloxycarbonyl, lower aralkoxycarbonyl, lower
5 alkylcarbonyl, lower cycloalkylcarbonyl, lower
alkylcarbonylalkyl, lower alkoxycarbonylalkyl,
lower dialkylcarbamoyl, carbamoyloxy, lower
aryloxy, lower aralkoxy, lower alkenyloxy, lower
alkynyloxy, acyloxy, lower cycloalkylalkoxy, lower
10 aralkyl, optionally substituted lower aryl, lower
aroxy, lower alkoxyalkyl, lower hydroxyalkyl, 5 to
20 membered heterocyclic, lower heteroaralkyl,
lower alkylthio, lower alkylsulfinyl, lower
alkylsulfonyl, lower arylthio, lower arylsulfinyl,
15 lower arylsulfonyl, sulfonamido and lower
alkylsulfonamido; or wherein R⁵ and R⁸ taken
together form a ring; and wherein R⁸ is selected
from hydrido, lower alkyl, lower alkenyl, lower
hydroxyalkyl, acyl, lower alkoxyalkyl, phenyl,
20 naphthyl, lower aryloxyalkyl, lower alkylthioalkyl,
lower aralkyl, lower alkoxycarbonyl, amide, lower
alkanoyl, lower alkylcarbamoyl and lower
alkylsulfonyl; or a pharmaceutically acceptable
salt thereof.

25

12. Method of Claim 11 wherein R¹ is
optionally substituted at a substitutable position
with one or more radicals selected from methoxy,
ethoxy, propoxy, butoxy, isopropoxy, tert-butoxy,
30 aminomethoxy optionally substituted on the nitrogen
atom with methyl, ethyl, propyl, butyl, pentyl,
isopropyl, isobutyl, tert-butyl, cyclohexyl,
cyclopropyl and benzyl, amino optionally
substituted with a radical selected from methyl,
35 ethyl, propyl, butyl, pentyl, isopropyl, isobutyl,
tert-butyl, benzyl, phenethyl, phenyl, butene,
pentene, isopropylene, isobutylene, propargyl,

cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl,
formyl, acetyl, cyclobut enyl, cyclopentenyl,
cyclohexenyl, hydroxymethyl, methoxycarbonyl,
ethoxycarbonyl, isopropoxycarbonyl, tert-
5 butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl,
isobutoxycarbonyl, pentoxy carbonyl, and
methoxymethyl, cyano, nitro, hydroxyl, methyl,
ethyl, propyl, butyl, pentyl, isopropyl, isobutyl,
tert-butyl, fluoro, chloro, bromo, iodo,
10 fluoromethyl, difluoromethyl, trifluoromethyl,
dichloromethyl, trichloromethyl, pentafluoroethyl,
heptafluoropropyl, difluorochloromethyl,
dichlorofluoromethyl, difluoroethyl,
difluoropropyl, dichloroethyl, dichloropropyl,
15 trifluoromethoxy, cyclohexylmethoxy, carboxyl,
formyl, acetyl, propionyl, amide, methylamide,
dimethylamide, benzyloxy, sulfonamido,
dimethylsulfonamido, morpholinyl, pyrrolidinyl,
piperazinyl, piperidyl, benzyl, methoxycarbonyl,
20 ethoxycarbonyl, pyridyl, methylthio,
methylsulfinyl, methylsulfonyl, phenylthio,
benzylthio, cyclohexylthio and methylimino;
wherein each of R³, R⁴, R⁵ and R⁶ is independently
selected from hydrido, methyl, ethyl, propyl,
25 butyl, pentyl, isopropyl, isobutyl, tert-butyl,
phenyl and benzyl; wherein R⁷ is one or more
radicals selected from methoxy, ethoxy, propoxy,
butoxy, isopropoxy, tert-butoxy, amino, cyano,
nitro, hydroxyl, methyl, ethyl, propyl, butyl,
30 pentyl, isopropyl, isobutyl, tert-butyl,
cyclohexyl, cyclopropyl, cyclobutyl, fluoro,
chloro, bromo, iodo, fluoromethyl, difluoromethyl,
trifluoromethyl, dichloromethyl, trichloromethyl,
pentafluoroethyl, heptafluoropropyl,
35 difluorochloromethyl, dichlorofluoromethyl,
difluoroethyl, difluoropropyl, dichloroethyl,
dichloropropyl, trifluoromethoxy, trifluoroethoxy,

carboxyl, formyl, acetyl, propionyl, butyryl, N-methylamino, N-ethylamino, N-propylamino, N-butylamino, N-tert-butylamino, N-pentylamino, N-hexylamino, N,N-dimethylamino, phenylamino, N-
5 methy-N-phenylamino, methylaminomethyl, amide, N-methylamide, N,N-dimethylamide, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxy carbonyl,
10 phenoxy carbonyl, benzylloxycarbonyl, methylcarbonyl, cyclohexylcarbonyl, methylcarbonylmethyl, methoxycarbonylmethyl, N,N-dimethylcarbamoyl, carbamoyloxy, phenoxy, benzoxy, benzyl, phenethyl, phenyl, benzoyl, methoxymethyl, hydroxymethyl,
15 morpholiny, pyrrolidinyl, piperazinyl, piperidyl, methylthio, ethylthio, methylsulfinyl, ethylsulfinyl, methylsulfonyl, phenylthio, phenylsulfinyl, phenylsulfonyl, sulfonamido, methylsulfonamido and N,N-dimethylsulfonamido; or
20 wherein R⁵ and R⁸ taken together form a ring; and wherein R⁸ is selected from hydrido, methyl, ethyl, propyl, butyl, pentyl, isopropyl, isobutyl, tert-butyl, butene, pentene, isopropylene, isobutylene, hydroxymethyl, phenyl, naphthyl, phenoxy methyl,
25 methylthiomethyl, benzyl, phenethyl, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxy carbonyl, methoxymethyl,
30 amide, formyl, acetyl, propionyl, butyryl, methylcarbamoyl and methylsulfonyl; or a pharmaceutically acceptable salt thereof.

13. Method of Claim 12 selected from
35 compounds, and their pharmaceutically acceptable salts, of the group selected from:

2-[(3-methylpyridin-2-ylmethyl)sulfinyl]-1H-
benzimidazole;
2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-1H-
benzimidazole;
5 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-1H-
benzimidazole;
2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-
methyl-1H-benzimidazole;
2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-
10 methoxy-1H-benzimidazole;
5-chloro-2-[(imidazo[1,2-a]pyridin-3-ylmethyl)
sulfinyl]-1H-benzimidazole;
2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-
trifluoromethyl-1H-benzimidazole;
15 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-
benzimidazole;
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-
benzimidazole;
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-
20 methoxy-1H-benzimidazole;
5-ethoxy-2-[(imidazo[1,2-a]pyridin-8-ylmethyl)
sulfinyl]-1H-benzimidazole;
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-4-
methyl-1H-benzimidazole;
25 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-
methyl-1H-benzimidazole;
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5,6-
dimethyl-1H-benzimidazole;
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5,6-
30 dimethoxy-1H-benzimidazole;
5-chloro-2-[(imidazo[1,2-a]pyridin-8-
ylmethyl)sulfinyl]-1H-benzimidazole;
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-
trifluoromethyl-1H-benzimidazole;
35 2-[(2,3-dimethylimidazo[1,2-a]pyridin-8-yl)methyl]
sulfinyl]-1H-benzimidazole;

2-[[(3-methylimidazo[1,2-a]pyridin-8-yl)methyl]
 sulfinyl]-1H-benzimidazole;
 2-[[(2-phenylimidazo[1,2-a]pyridin-8-yl)methyl]
 sulfinyl]-1H-benzimidazole;
 5 2-[[(3-phenylimidazo[1,2-a]pyridin-8-yl)methyl]
 sulfinyl]-1H-benzimidazole;
 2-[[(3-(4-nitrophenyl)imidazo[1,2-a]pyridin-8-
 yl)methyl]sulfinyl]-1H-benzimidazole;
 2-[[[3-[3-(trifluoromethyl)phenyl]imidazo[1,2-
 10 a]pyridin-8-yl)methyl]sulfinyl]-1H-
 benzimidazole;
 5-methyl-2-[[[3-[3-(trifluoromethyl)phenyl]imidazo
 [1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-
 benzimidazole;
 15 5-chloro-2-[[[3-[3-(trifluoromethyl)phenyl]imidazo
 [1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-
 benzimidazole;
 2-[[[3-[4-(trifluoromethyl)phenyl]imidazo[1,2-a]
 pyridin-8-yl)methyl]sulfinyl]-1H-
 20 benzimidazole;
 5-chloro-2-[[[3-[4-(trifluoromethyl)phenyl]
 imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-
 1H-benzimidazole;
 4-[8-[(1H-benzimidazol-2-ylsulfinyl)methyl]
 25 imidazo[1,2-a]pyridin-3-yl]benzoate;
 2-[[[3-(4-chlorophenyl)imidazo[1,2-a]pyridin-
 8-yl)methyl]sulfinyl]-1H-benzimidazole;
 2-[[[3-(4-methylphenyl)imidazo[1,2-a]pyridin-
 8-yl)methyl]sulfinyl]-1H-benzimidazole;
 30 2-[(imidazo[1,2-a]pyridin-5-ylmethyl)sulfinyl]-1H-
 benzimidazole;
 4,6-dimethyl-2-(((imidazo[1,2-a]pyridin-2-
 yl)methyl)thio)-1H-benzimidazole;
 2-[3-methyl-4-(2-(N-benzyl-N-cyclohexylamino)-
 35 ethoxy)pyridyl]methylthio-1H-benzimidazole;
 ethyl 2-[(1H-benzimidazol-2-yl)thiomethyl]-4-
 methyl-amino-5-pyrimidine carboxylate;

2-(5-fluoro-2-(4-methoxy-2-pyridyl)-
phenylsulfinyl)-1H-benzimidazole;
5-difluoromethoxy-2-(((3,4-dimethoxy-2-pyridinyl)
methyl)sulfinyl)-1H-benzimidazole;
5 2-(((4-difluoromethoxy-3-methyl-2-pyridyl)
methylsulfinyl)benzimidazole;
2-((6-azachroman-5-ylmethyl)sulfinyl)-
benzimidazole;
5-carbomethoxy-6-methyl-2-((3,4-dimethoxy-2-
10 pyridinyl)methyl)sulfinyl-1H-benzimidazole;
5-carbomethoxy-6-methyl-2-((3,4-dimethoxy-2-
pyridinyl)methyl)sulfinyl)-1H-benzimidazol-1-
yl-methyl ethyl carbonate;
2-((3-methyl-4-(2,2,2-trifluoroethoxy)-2-pyridyl)
15 methylsulfinyl)benzimidazole;
4-fluoro-2-((4-methoxy-2-pyridinyl)methyl)
sulfinyl-1H-benzimidazol-1-yl-methyl-
ethylcarbonate;
2-[3-methyl-4-(1-benzyl-4-piperidyl)oxy-2-pyridyl]
20 methylthio-1H-benzimidazole;
2-(3-methyl-4-(2-(N-methyl-N-(4-methyl-benzyl)
amino)ethoxy)-2-pyridyl)methylsulfonyl-1H-
benzimidazole;
2-(4-methoxy-6-methyl-2-pyrimidinyl)methylthio-1H-
25 benzimidazole;
5-chloro-2-(3,4-dimethoxy-2-pyridylmethylsulfinyl)-
1H-benzimidazole;
5-fluoro-2-(4-cyclopropylmethoxy-2-pyridylmethyl-
sulfinyl)-1H-benzimidazole;
30 4-fluoro-2-(4-methoxy-2-pyridylmethylsulfinyl)-
1H-benzimidazole;
2-((4-methoxy-3,5-dimethyl-2-pyridyl)-methyl)-
sulfinyl)-5-methoxy-1H-benzimidazole;
5-hydroxymethyl-2-((3,5-dimethyl-4-methoxy-2-
35 pyridyl)methylthio-1H-benzimidazole;
2-(4-ethylthio-3-methylpyrid-2-yl-methyl)sulfinyl-
benzimidazole;

2-(((4-(2-benzyloxyethoxy)-3-methyl-2-pyridyl)
methylthio)benzimidazole;

2-[[2-[N-(2-hydroxyethyl)-N-methylamino]-5-methoxy]
benzylsulfinyl]benzimidazole;

5 2-(5-benzyl-4-chloro-6-methyl-2-pyrimidinyl)
methylthio-1H-benzimidazole;

5-carboethoxy-6-methyl-2-((3-methyl-2-
pyridyl)methyl)sulfinyl)-1H-benzimidazole;

5-(2-benzimidazolylsulfinylmethyl)-3,4-dihydro-
10 4-methyl-2H-1,4-benzoxazine;

2-(3-methyl-4-(2-(N-benzyl-N-methylamino)ethoxy-2-
pyridyl)methylsulfinyl-1H-benzimidazole;

2-(3-methyl-4-(2-(1,2,3,4-tetrahydroisoquinolin-
2-yl)-ethoxy)-2-pyridyl)methylsulfinyl-1H-
15 benzimidazole;

2-[1-(3,5-dimethylpyrazolyl)]
methylthiobenzimidazole;

2-(3-chloro-4-methoxy-2-picolythio)-5-methoxy-1H-
benzimidazole;

20 2-(4-(2-ethoxyethoxy)-3-methyl-2-pyridyl)
methylsulfinyl-1H-benzimidazole;

2-(3-methylthieno(2,3-c)pyridin-7-yl)
methylsulfinyl)-benzimidazole;

2-(2-dimethylamino-5-methoxybenzylsulfinyl)-5-
25 methoxy-benzimidazole;

2-(2-dimethylamino-5-methylbenzylsulfinyl)-5-
methoxybenzimidazole;

2-[4-(2,3,5-trimethyl)pyridylthio]-5-
methoxybenzimidazole;

30 2-[(2-(4-chlorophenyl)-5-methylimidazol-4-
yl)methylthio]benzimidazole;

2-(5-hydroxy-1H-benzimidazol-2-ylsulfinylmethyl)-
N,N-dimethylbenzenamine;

2-((6-methoxyisoquinolin-1-yl)methylsulfinyl)-
35 benzimidazole;

3-(5-methoxy-1H-benzimidazol-2-
yl)thiomethylcarbostyril;

5-methoxy-2-(4-dimethylamino-5-fluoro-2-pyridylmethylsulfinyl)-1H-benzimidazole;
 2-(2-dimethylaminobenzylsulfinyl)-5-cyclopropylmethoxybenzimidazole;

5 2-(3,5-dimethyl-2-pyridylmethylsulfinyl)-5-cyclopropylmethoxy-benzimidazole;
 2-[2-(N-cyclohexyl-N-methylamino)benzylsulfonyl]benzimidazole;
 8-(5-fluoro-6-methoxy-2-benzimidazolyl) sulfinylmethyl-1-ethyl-4-(N-methyl-N-allyl)amino-1,2,3,4-tetrahydroquinoline;

10 2-(2-benzyloxycarbonylaminobenzylthio)benzimidazole;
 2-(2-benzimidazolylmethylthio)pyrimidine;

15 5-acetyl-2-((2-dimethylaminobenzyl)sulfinyl)benzimidazole;
 2-((3,5-dimethyl-4-methoxy-2-pyridyl)methylsulfinyl)-5-fluoro-1H-benzimidazole;
 2-(3-pyridylmethylthio)-5-methoxybenzimidazole;

20 2-(2-methylaminobenzylsulfinyl)benzimidazole;
 5-methoxy-2-(2-dimethylaminobenzylsulfinyl)-1H-benzimidazole;
 2-(3,4-dimethoxypyrid-2-ylmethylsulfinyl)-5-trifluoromethyl-benzimidazole;

25 5-methoxy-2-(4-piperidino-2-pyrimidinylmethylsulfinyl)-(1H)-benzimidazole;
 2-[2-(4-benzyloxy)-pyridylmethylsulfinyl]benzimidazole;
 4-allyloxy-8-(2-benzimidazolyl)thio-3-methyl-

30 5,6,7,8-tetrahydroquinoline;
 2-[2-(4-methoxy-5-n-pentyl)-pyridylmethylthio]benzimidazole;
 2-(5-bromo-4-piperidino-2-pyridylmethylsulfinyl)-5-methoxy-(1H)-benzimidazole;

35 2-((3,5-dimethyl-4-morpholinopyrid-2-yl)methylsulfinyl)benzimidazole;
 2-((2-pyridinylmethyl)sulfinyl)-1H-benzimidazole-1-

methanol;
 2-((3,4-dihydro-2H-thieno(3,2-c)pyridinylmethyl)thio)-1H-benzimidazole-1-methanol;
 2-(4-isopropoxy-2-pyridyl)
 5 methylsulfinylbenzimidazole;
 2-((4-fluorobenzylxy-3-methyl-2-pyridyl)methylsulfinyl)benzimidazole;
 2-(2-aminobenzylsulfinyl)-benzimidazole;
 N,N-dimethyl-2-(1H-benzimidazol-2-yl-
 10 sulfinylmethyl)benzenamine;
 2-[(4,5-dimethoxy-2-pyridyl)methylsulfinyl]-5-trifluoromethoxy-1H-benzimidazole;
 2-((4-morpholinyl-3-ethylpyridin-2-ylmethyl)sulfinyl)-5-trifluoromethylbenzimidazole;
 15 2-((4-methoxy-2-pyridyl)methylsulfinyl)-5-trifluoromethoxy-1H-benzimidazole;
 5-cyclopropylcarbonyl-2-((4-methoxy-2-pyridyl)methylsulfinyl)-1H-benzimidazole;
 2-[2-(3,5-dimethyl-4-methoxy)-pyridyl
 20 methylsulfinyl]-5-chloro)-benzimidazole;
 2-[2-(4,5-dimethyl)-pyridylmethylsulfinyl]-5-acetyl-6-methyl)-benzimidazole;
 2-[2-(3,5-dimethyl)pyridylmethylsulfinyl]5-fluorobenzoxazole;
 25 3-[(4-dimethylamino-2-pyridyl)methylthio]indole;
 6-benzoylamino-7-chloro-2-((3,5-dimethyl-4-methoxy-2-pyridyl)-methylthio)benzothiazole;
 5-(4,5-dihydro-2-oxazolyl)-2-((3,5-dimethyl-4-methoxy-2-pyridyl)methylthio)-1H-
 30 benzimidazole;
 2-gernaylthio-benzimidazole;
 ethyl 2-((1H-benzimidazol-2-yl)-sulfinylmethyl)-4-dimethylamino-5-pyrimidinecarboxylate;
 2-[(1H-benzimidazol-2-ylsulfinyl)
 35 methyl]benzenamine;
 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]N,N-dimethylbenzenamine;

N-[2-[(1H-benzimidazol-2-ylsulfinyl)methyl]phenyl]acetamide;
2-[[[(4-methyl-1H-benzimidazol-2-yl)sulfinyl)methyl]benzenamine;
5 2-[[[(5,6-dimethyl-1H-benzimidazol-2-yl)sulfinyl)methyl]benzenamine;
2-[[[(5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]benzenamine;
10 methyl 2-[[[(2-aminophenyl)methyl]sulfinyl]-5-methoxy-1H-benzimidazole-6-carboxylate;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chlorobenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5-chlorobenzenamine;
15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methoxybenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-methoxybenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3-methylbenzenamine;
20 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methylbenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-methylbenzenamine;
25 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4,6-dimethylbenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-methylbenzenamine;
2-[[[(5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-4-methylbenzenamine;
30 2-[[[(5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-6-methylbenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-ethylbenzenamine;
35 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-ethylbenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methoxy-
3,5-dimethylbenzenamine;

2-[[[(5-methyl-1H-benzimidazol-2-yl)sulfinyl]-
methyl]benzenamine;

5 2-[[[(5-chloro-1H-benzimidazol-2-yl)sulfinyl]-
methyl]benzenamine;

2-[[[(5-ethoxy-1H-benzimidazol-2-yl)sulfinyl]-
methyl]benzenamine;

2-[[[(5-(trifluoromethyl)-1H-benzimidazol-2-
10 yl)sulfinyl)methyl]benzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-
(trifluoromethyl)benzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-
butylbenzenamine;

15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5,6-
dimethylbenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3,6-
dimethylbenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chloro-
20 6-methylbenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chloro-6-
methoxy-3-methylbenzenamine;

2-[[[(5-ethoxy-1H-benzimidazol-2-yl)sulfinyl]-
methyl]-4-methylbenzenamine;

25 2-[[[(5-methyl-1H-benzimidazol-2-yl)sulfinyl]-
methyl]-5,6-dimethylbenzenamine;

2-[[[(5-(trifluoromethyl)-1H-benzimidazol-2-
y1)sulfinyl]-3,6-dimethylbenzenamine;

2-[[[(5-(trifluoromethyl)-1H-benzimidazol-2-
30 yl)sulfinyl)methyl]-6-methoxybenzenamine;

methyl 2-amino-3-[(1H-benzimidazol-2-ylsulfinyl)-
methyl]benzoate;

ethyl 4-amino-3-[(1H-benzimidazol-2-
ylsulfinyl)methyl]benzoate;

35 ethyl 4-amino-3-[(5-methoxy-1H-benzimidazol-2-
y1)sulfinyl)methyl]benzoate;

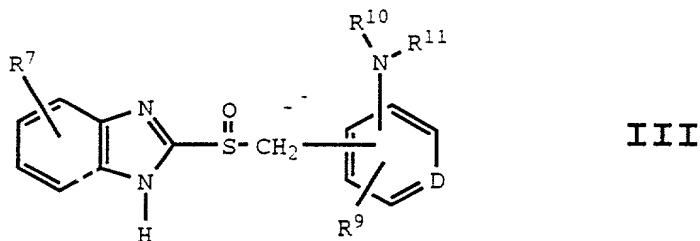
2-[[5,6-dimethoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-4-methylbenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-fluorobenzenamine;
5 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3,4,5-trimethylbenzenamine;
2-[(5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-4-methoxy-3,5-dimethylbenzenamine;
3-[(1H-benzimidazol-2-ylsulfinyl)methyl]benzenamine;
10 3-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;
3-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N,N-dimethyl-2-pyridinamine;
15 6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;
6-[(4-methyl-1H-benzimidazol-2-yl)sulfinyl]methyl]-2-pyridinamine;
6-[(5-methyl-1H-benzimidazol-2-yl)sulfinyl]methyl]-2-pyridinamine;
20 6-[(5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-2-pyridinamine;
6-[(5-chloro-1H-benzimidazol-2-yl)sulfinyl]methyl]-2-pyridinamine;
25 6-[[5-(trifluoromethyl)-1H-benzimidazol-2-yl)sulfinyl]methyl]-2-pyridinamine;
6-[(5-ethoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-2-pyridinamine;
6-[(5,6-dimethoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-2-pyridinamine;
30 6-[(5,6-dimethyl-1H-benzimidazol-2-yl)sulfinyl]methyl]-2-pyridinamine;
6-[(4,6-dimethyl-1H-benzimidazol-2-yl)sulfinyl]methyl]-2-pyridinamine;
35 6-[[5-(hydroxymethyl)-1H-benzimidazol-2-yl)sulfinyl]methyl]-2-pyridinamine;

6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-(2,2-dimethylpropyl)-2-pyridinamine;

6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-ethyl-2-pyridinamine; and

5 5-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine.

14. A method of inhibiting a viral protease, said method comprising treating said 10 subject with an effective amount of a compound of Formula III



15 wherein D is N or CH;

wherein R⁷ is one or more radicals selected from hydrido, alkoxy, amino, cyano, nitro, hydroxyl, alkyl, halo, haloalkyl, carboxyl, alkanoyl, nitro, amino, alkylamino, amide, 20 alkylamide, alkoxy carbonyl, alkylthio, alkylsulfinyl and alkylsulfonyl;

wherein R⁹ is one or more radicals selected from hydrido, alkoxy, amino, alkyl, halo, cyano, nitro, hydroxyl, haloalkyl, carboxyl, 25 alkanoyl, nitro, amide, alkylamide, alkoxy carbonyl, alkylthio, alkylsulfinyl and alkylsulfonyl; and wherein R¹⁰ and R¹¹ are independently selected from hydrido and alkyl;

or a pharmaceutically acceptable salt 30 thereof.

15. Method of Claim 14 wherein R⁷ is one or more radicals selected from hydrido, lower

alkoxy, amino, cyano, nitro, hydroxyl, lower alkyl, halo, lower haloalkyl, carboxyl, lower alkanoyl, lower alkylamino, amide, lower alkylamide, lower alkoxycarbonyl, lower alkylthio, lower

5 alkylsulfinyl and lower alkylsulfonyl; wherein R⁹ is one or more radicals selected from hydrido, lower alkoxyl, amino, lower alkyl, halo, cyano, nitro, hydroxyl, lower haloalkyl, carboxyl, lower alkanoyl, lower alkylamino, amide, lower

10 alkylamide, lower alkoxycarbonyl, lower alkylthio, lower alkylsulfinyl and lower alkylsulfonyl; and wherein R¹⁰ and R¹¹ are independently selected from hydrido and lower alkyl; or a pharmaceutically acceptable salt thereof.

15

16. Method of Claim 15 wherein R⁷ is one or more radicals selected from hydrido, methoxy, ethoxy, propoxy, butoxy, isopropoxy, tert-butoxy, amino, cyano, nitro, hydroxyl, methyl, ethyl, propyl, butyl, pentyl, isopropyl, isobutyl, tert-butyl, fluoro, chloro, bromo, iodo, fluoromethyl, difluoromethyl, trifluoromethyl, dichloromethyl, trichloromethyl, pentafluoroethyl, heptafluoropropyl, difluorochloromethyl, dichlorofluoromethyl, difluoroethyl, difluoropropyl, dichloroethyl, dichloropropyl, carboxyl, formyl, acetyl, propionyl, N-methylamino, N-ethylamino, N-propylamino, N-butylamino, N-tert-butylamino, N-pentylamino, N-hexylamino, N,N-

20 dimethylamino, amide, N-methylamide, N,N-dimethylamide, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butyloxycarbonyl, isobutoxycarbonyl, pentoxy carbonyl, methylthio, methylsulfinyl and

25 methylsulfonyl;

30 wherein R⁹ is one or more radicals selected from hydrido, methoxy, ethoxy, propoxy,

butoxy, isopropoxy, tert-butoxy, amino, methyl,
ethyl, propyl, butyl, pentyl, isopropyl, isobutyl,
tert-butyl, fluoro, chloro, bromo, iodo, cyano,
nitro, hydroxyl, fluoromethyl, difluoromethyl,
5 trifluoromethyl, dichloromethyl, trichloromethyl,
pentafluoroethyl, heptafluoropropyl,
difluorochloromethyl, dichlorofluoromethyl,
difluoroethyl, difluoropropyl, dichloroethyl,
dichloropropyl, carboxyl, formyl, acetyl,
10 propionyl, N-methylamino, N-ethylamino, N-
propylamino, N-butylamino, N-tert-butylamino, N-
pentylamino, N-hexylamino, N,N-dimethylamino,
amide, N-methylamide, N,N-dimethylamide,
methoxycarbonyl, ethoxycarbonyl,
15 isopropoxycarbonyl, tert-butoxycarbonyl,
propoxycarbonyl, n-butoxycarbonyl,
isobutoxycarbonyl, pentoxy carbonyl, methylthio,
methylsulfinyl and methylsulfonyl; and
wherein R¹⁰ and R¹¹ are independently
20 selected from hydrido, methyl, ethyl, propyl,
butyl, pentyl, isopropyl, isobutyl and tert-butyl;
or a pharmaceutically acceptable salt
thereof.

25 17. Method of Claim 16 selected from
compounds, and their pharmaceutically acceptable
salts, of the group selected from:

2-[(1H-benzimidazol-2-ylsulfinyl)
30 methyl]benzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]N,N-
dimethylbenzenamine;
N-[2-[(1H-benzimidazol-2-ylsulfinyl)methyl]phenyl]
acetamide;
35 2-[(4-methyl-1H-benzimidazol-2-yl)sulfinyl]methyl]
benzenamine;

2-[[(5,6-dimethyl-1H-benzimidazol-2-yl)sulfinyl]methyl]benzenamine;

2-[[(5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]benzenamine;

5 methyl 2-[(2-aminophenyl)methyl]sulfinyl]-5-methoxy-1H-benzimidazole-6-carboxylate;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chlorobenzenamine;

10 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5-chlorobenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methoxybenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-methoxybenzenamine;

15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3-methylbenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methylbenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-methylbenzenamine;

20 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4,6-dimethylbenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-methylbenzenamine;

25 2-[[(5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-4-methylbenzenamine;

2-[[(5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-6-methylbenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-ethylbenzenamine;

30 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-ethylbenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methoxy-3,5-dimethylbenzenamine;

35 2-[[(5-methyl-1H-benzimidazol-2-yl)sulfinyl]methyl]benzenamine;

2-[(5-chloro-1H-benzimidazol-2-yl)sulfinyl]-
methyl]benzenamine;
2-[(5-ethoxy-1H-benzimidazol-2-yl)sulfinyl]-
methyl]benzenamine;
5 2-[[[(5-(trifluoromethyl)-1H-benzimidazol-2-
yl)sulfinyl]methyl]benzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-
10 (trifluoromethyl)benzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-
butylbenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5,6-
15 dimethylbenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3,6-
dimethylbenzenamine;
15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chloro-
6-methylbenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chloro-6-
20 methoxy-3-methylbenzenamine;
2-[(5-ethoxy-1H-benzimidazol-2-yl)sulfinyl]-
methyl]-4-methylbenzenamine;
2-[(5-methyl-1H-benzimidazol-2-yl)sulfinyl]-
methyl]-5,6-dimethylbenzenamine;
2-[[[(5-(trifluoromethyl)-1H-benzimidazol-2-
25 yl)sulfinyl]-3,6-dimethylbenzenamine;
2-[[[(5-(trifluoromethyl)-1H-benzimidazol-2-yl)
sulfinyl]methyl]-6-methoxybenzenamine;
methyl2-amino-3-[(1H-benzimidazol-2-
30 ylsulfinyl)methyl]benzoate;
ethyl 4-amino-3-[(1H-benzimidazol-2-
ylsulfinyl)methyl]benzoate;
ethyl 4-amino-3-[(5-methoxy-1H-benzimidazol-2-
35 yl)sulfinyl]methyl]benzoate;
2-[[5,6-dimethoxy-1H-benzimidazol-2-
yl)sulfinyl]methyl]-4-methylbenzenamine;
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-
fluorobenzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3,4,5-trimethylbenzenamine;
2-[[5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-4-methoxy-3,5-dimethylbenzenamine;
5 3-[(1H-benzimidazol-2-ylsulfinyl)methyl]benzenamine;
3-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;
10 3-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N,N-dimethyl-2-pyridinamine;
6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;
6-[[4-methyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;
15 6-[[5-methyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;
6-[[5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-2-pyridinamine;
6-[[5-chloro-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;
20 6-[[5-(trifluoromethyl)-1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;
6-[[5-ethoxy-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;
25 6-[[5,6-dimethoxy-1H-benzimidazol-2-yl)-sulfinyl)methyl]-2-pyridinamine;
6-[[5,6-dimethyl-1H-benzimidazol-2-yl)-sulfinyl)methyl]-2-pyridinamine;
6-[[4,6-dimethyl-1H-benzimidazol-2-yl)-sulfinyl)methyl]-2-pyridinamine;
30 6-[[5-(hydroxymethyl)-1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;
6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-(2,2-dimethylpropyl)-2-pyridinamine;
35 6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-ethyl-2-pyridinamine; and

5-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-
pyridinamine.

18. Method of Claim 14 wherein the viral
5 protease is a herpesvirus protease.

19. Method of Claim 18 wherein the viral
protease is a CMV protease.

10 20. Method of Claim 19 wherein the viral
protease is a CMV protease, encoded by UL80.